

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031531.D
 Acq On : 26 Apr 2019 14:34
 Operator : JC/SP
 Sample : K2481-20ME
 Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHX3ME

Quant Time: Apr 27 01:16:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:11:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	817146	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	774969	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	360083	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	450131	65.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	131.64%
7) Chloroethane-d5	1.68	69	290950	55.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.10%
11) 1,1-Dichloroethene-d2	2.24	63	656411	48.20	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.40%
21) 2-Butanone-d5	4.20	46	717041	115.72	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.72%
24) Chloroform-d	4.64	84	721204	57.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.16%
26) 1,2-Dichloroethane-d4	5.31	65	490734	59.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.94%
32) Benzene-d6	5.33	84	1554871	65.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	130.68%#
36) 1,2-Dichloropropane-d6	6.33	67	540600	64.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	129.14%#
41) Toluene-d8	7.56	98	1363377	65.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	131.56%#
43) trans-1,3-Dichloropropene-	7.85	79	239639	66.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	133.36%#
47) 2-Hexanone-d5	8.34	63	555250	153.22	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	153.22%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	667621	59.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	475188	62.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	125.50%#

Target Compounds

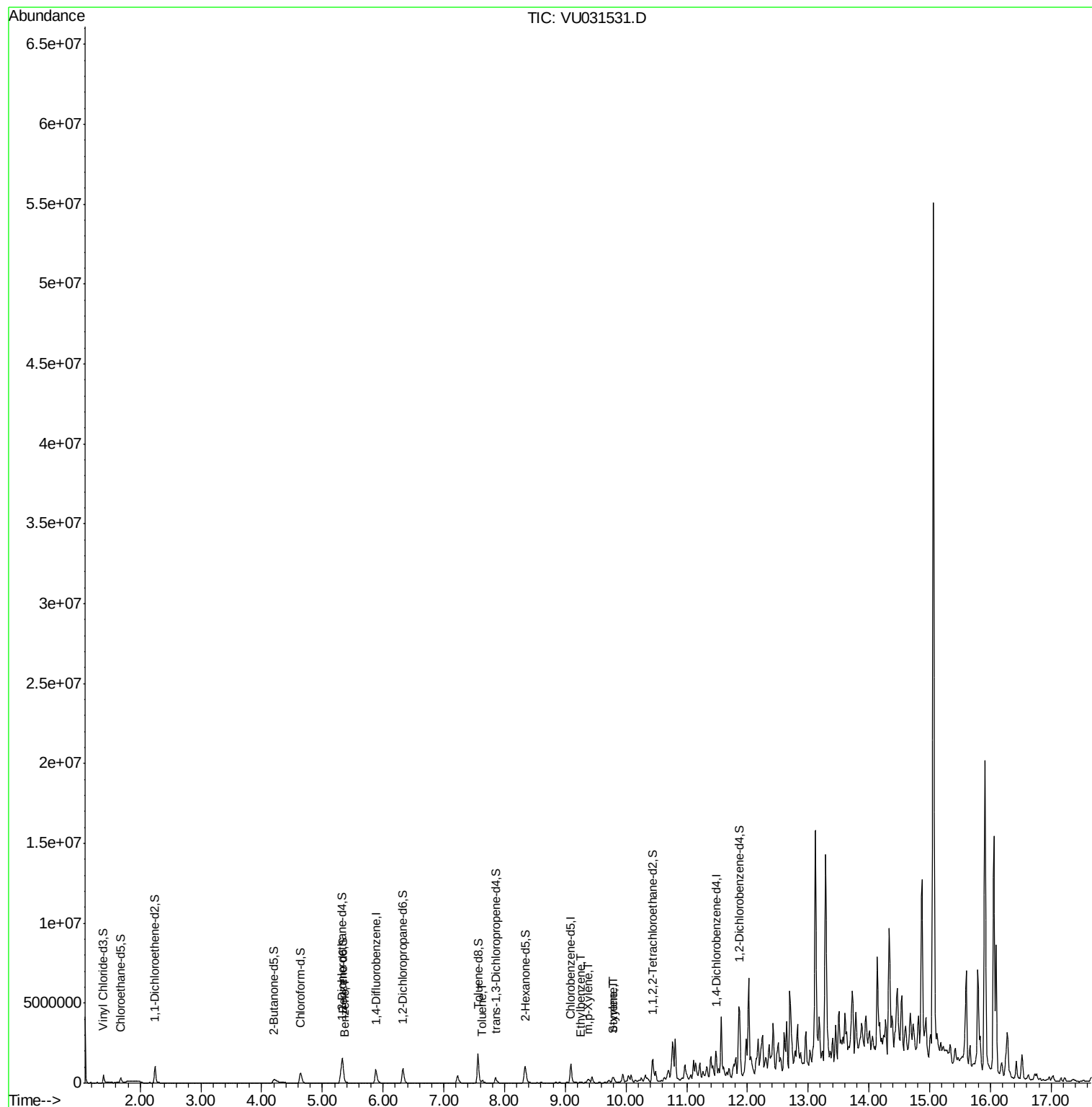
					Ovalue
33) Benzene	5.38	78	16625	0.583 ug/L	100
42) Toluene	7.64	91	105525	3.718 ug/L	97
52) Ethylbenzene	9.25	91	45738	1.554 ug/L	97
53) m,p-Xylene	9.38	106	62917	6.134 ug/L	95
54) o-xylene	9.78	106	79744	7.842 ug/L	93
55) Styrene	9.80	104	72984	4.201 ug/L	96

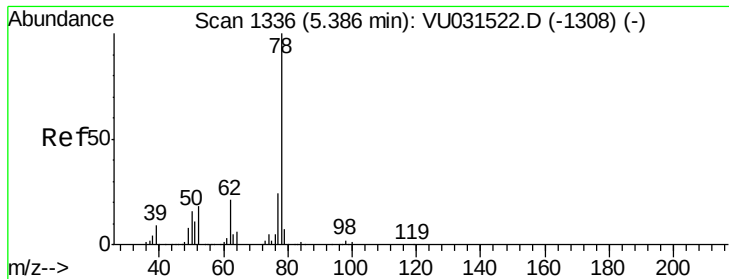
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration





#33

Benzene

Concen: 0.583 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

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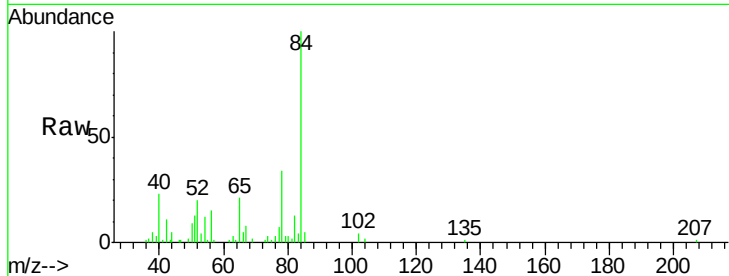
Instrument :

MSVOA_U

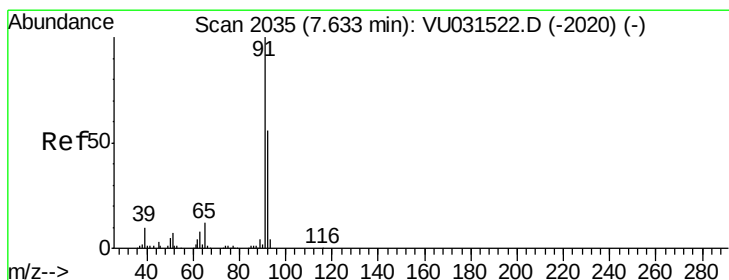
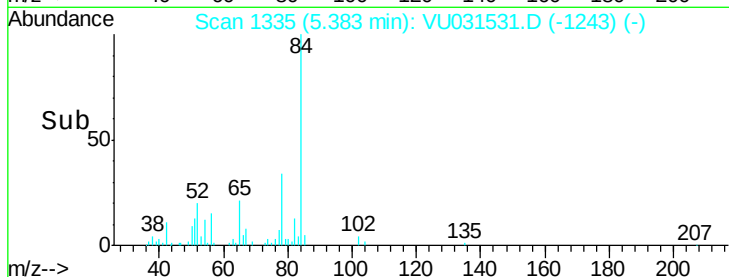
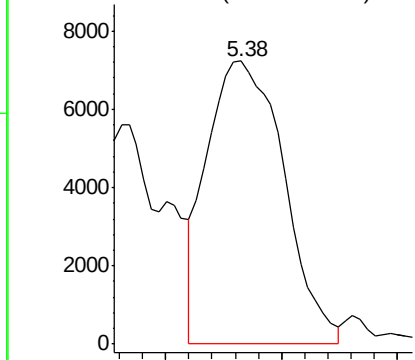
ClientSampleId :

GAHX3ME

Tgt Ion: 78 Resp: 16625



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 3.718 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU031531.D

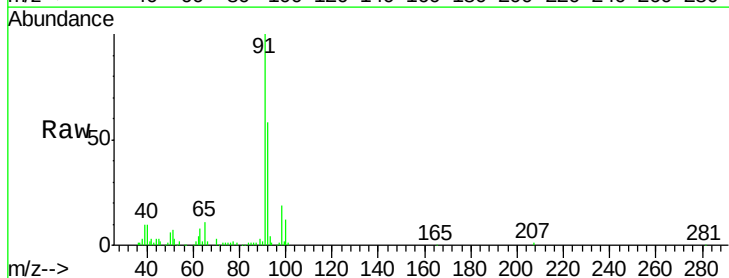
Acq: 26 Apr 2019 14:34

Tgt Ion: 91 Resp: 105525

Ion Ratio Lower Upper

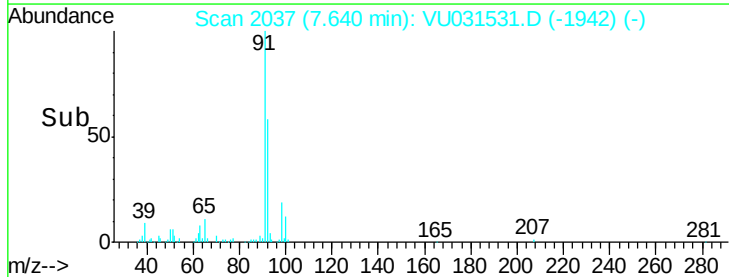
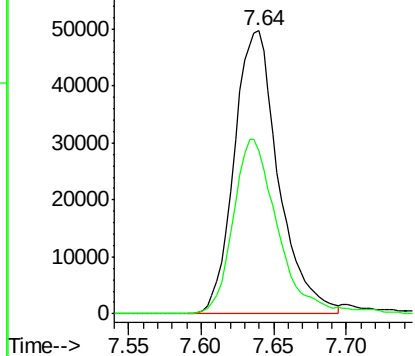
91 100

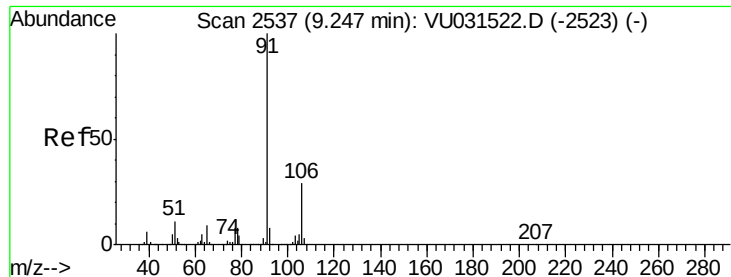
92 57.6 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 1.554 ug/L

RT: 9.25 min Scan# 2539

Delta R.T. 0.01 min

Lab File: VU031531.D

Acq: 26 Apr 2019 14:34

Instrument :

MSVOA_U

ClientSampleId :

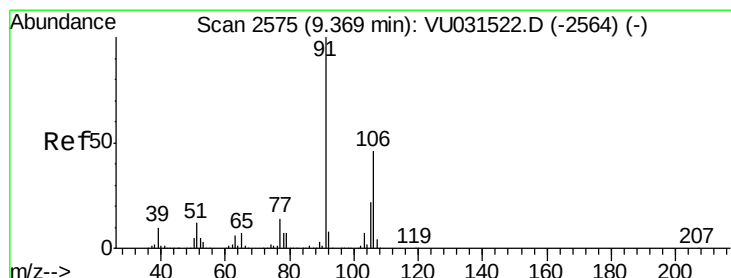
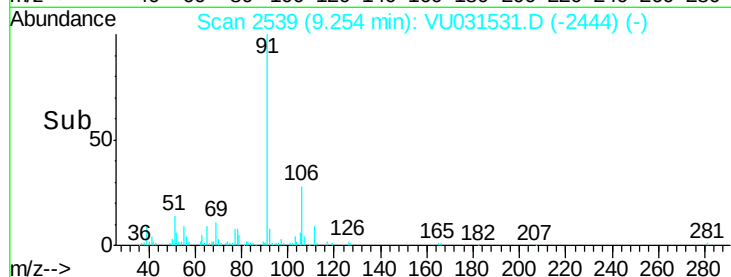
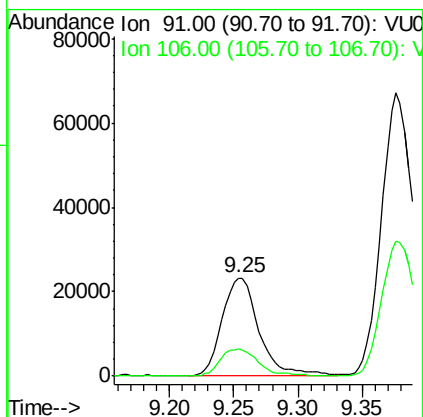
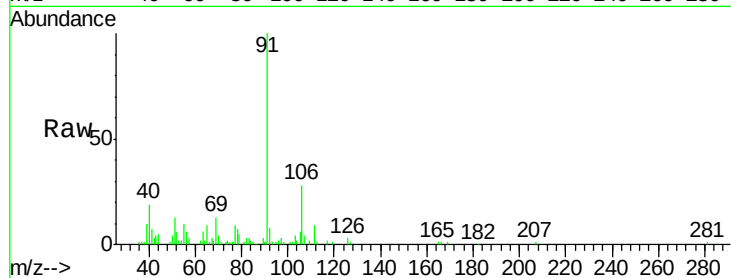
GAHX3ME

Tot Ion: 91 Resp: 45738

Ion Ratio Lower Upper

91 100

106 27.6 20.4 37.8



#53

m,p-Xylene

Concen: 6.134 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.01 min

Lab File: VU031531.D

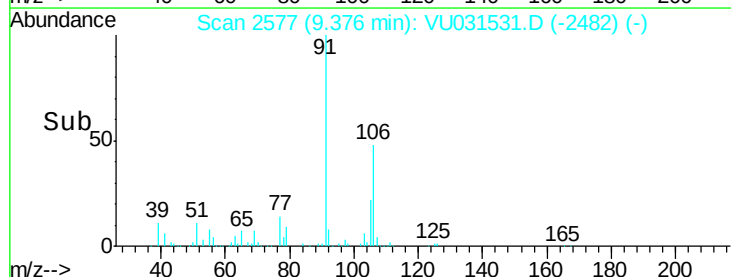
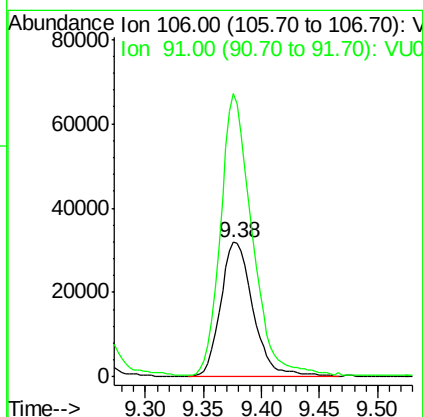
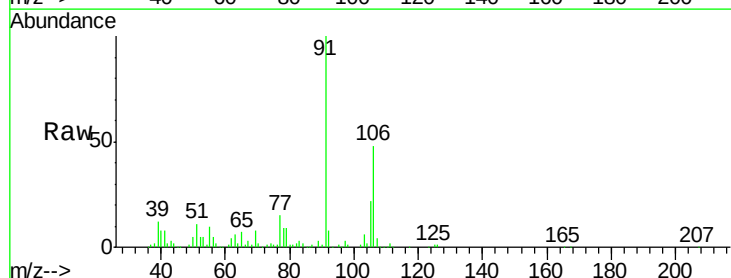
Acq: 26 Apr 2019 14:34

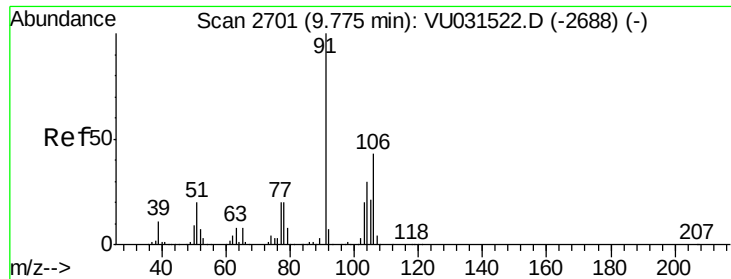
Tgt Ion: 106 Resp: 62917

Ion Ratio Lower Upper

106 100

91 210.1 152.2 282.6





#54

o-xylene

Concen: 7.842 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU031531.D

Acq: 26 Apr 2019 14:34

Instrument :

MSVOA_U

ClientSampleId :

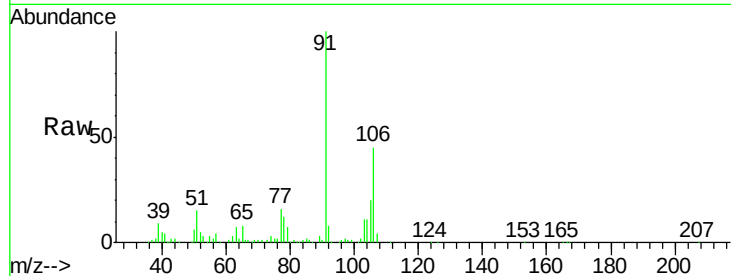
GAHX3ME

Tot Ion:106 Resp: 79744

Ion Ratio Lower Upper

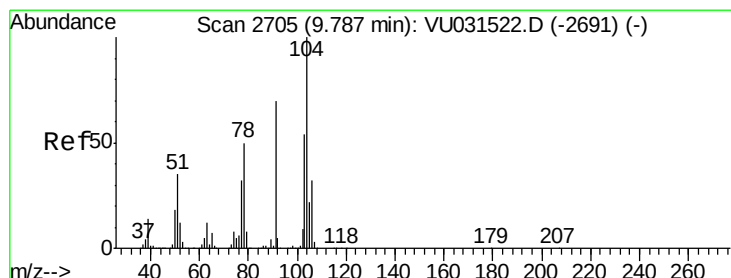
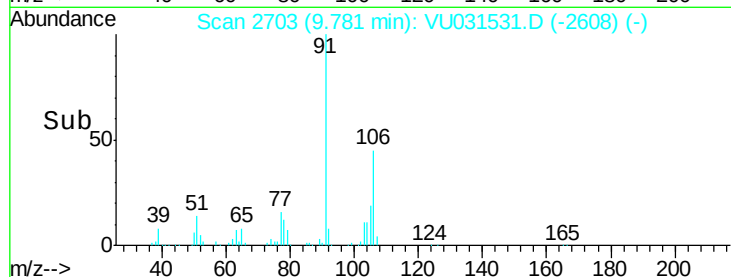
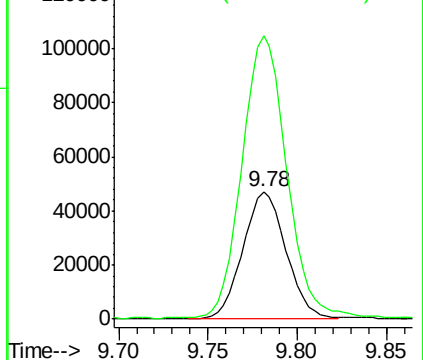
106 100

91 222.1 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 4.201 ug/L

RT: 9.80 min Scan# 2709

Delta R.T. 0.01 min

Lab File: VU031531.D

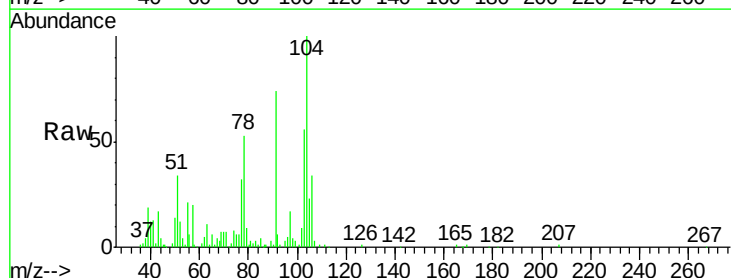
Acq: 26 Apr 2019 14:34

Tgt Ion:104 Resp: 72984

Ion Ratio Lower Upper

104 100

78 53.2 35.4 65.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

